| Attachment No. 3 | | Course program for the first cycle of studies | | | | |
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| 1. | Course title | Epidemiology | | | | |
| 2. | Code | DMMEP2 | | | | |
| 3. | Study program | Dentistry - integrated first and second cycle of studies | | | | |
| 4. | Organizer of the study program (unit, i.e., institute, department, division) | University "Ss. Cyril and Methodius" in Skopje.<br>Faculty of Medicine - Skopje,<br>Department of Epidemiology with Statistics and IT | | | | |
| 5. | Degree (first, second, third cycle) | Integrated first and second cycle studies | | | | |
| 6. | Academic year/semester | Year | 2 | Semester | 4 | |
| 7 | Course workload expressed in ECTS credits | 2 | | | | |
| 8. | Teacher | Prof. Dr. Beti Zafirova-Ivanovska - Teacher in charge<br>Prof. Dr. Vesna Velikj-Stefanovska<br>Prof. Dr. Irina Pavlovska | | | | |
| 9. | Language in which the curriculum is conducted | English | | | | |
| 10. | Necessary prerequisites for | Listened to all compulsory subjects from the first year | | | | |

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| | listening and taking the class | | | |
| 11. | Course objectives (competences) and learning outcomes: | Acquisition of theoretical and practical knowledge in the field of epidemiology that will enable recognition and resolution of epidemiological problems and challenges, as well as their future prevention.<br>Recognizing the role and significance of the degrees and levels of prevention and their application in practice.<br>Acquiring knowledge about epidemiological methods and their application in scientific research work.<br>Acquiring knowledge about the epidemiology of infectious and non-communicable diseases and conditions. | | |
| 12. | Detailed course content by chapter and units, with the learning outcomes for each chapter | Theoretical teaching - lectures<br>Basics of epidemiology, Epidemiological methods 1 class<br>Indicators of diseases, health disorders, and mortality 1 class<br>Epidemic process and epidemiological models 1 class<br>Occurrence of infection and communicable diseases 1 class<br>Measures of prevention and suppression of diseases and health disorders 1 class<br>Immunization, seroprophylaxis, and immunoprophylaxis 1 class<br>Disinfection, disinsection, and deratization 1 class<br>Health education 1 class<br>Intra-hospital infections 1 class<br>Epidemiological characteristics of respiratory infectious diseases…….. 1class<br>Epidemiological characteristics of intestinal infectious diseases 1 class<br>Epidemiological characteristics of contact infectious diseases 1 class<br>Epidemiological characteristics of transmissible infectious diseases…… 1 class<br>Epidemiological characteristics of zoonoses 1 class<br>Epidemiological characteristics of chronic non-communicable diseases….. 1 class<br>Total 15 classes<br><br>Practical teaching<br>Application of epidemiological methods in practice 2 classes<br>Processing examples of respiratory epidemics 3 classes<br>Processing examples of intestinal epidemics 3 classes<br>Processing examples of contact epidemic 3 classes<br>Processing examples of transmissible epidemics 2 classes<br>Processing examples of zoonoses 2 classes<br>Total 15 classes | | |
| 13 | Interrelation of subjects | Connection to all subjects | | |
| 14. | Detailed description of the teaching and working methods for the subject | Interactive lectures and exercises | | |
| 15. | Total Available Time | 60 classes | | |
| 16. | Forms of teaching activities | 16.1. | Lectures- theoretical teaching. classes | 15 |
| | | 16.2. | Exercises (laboratory, auditorium), seminars, teamwork | 15 |
| | | 16.3. | Practice: classes | |
| 17. | Other forms of activities | 17.1. | Project assignments: classes | |
| | | 17.2. | Independent assignments: classes | |
| | | 17.3. | Home study - assignments | 30 |
| 18 | Signature requirements | Absence from up to two exercises | | |
| 19 | Method of grading | | | |
| | 19.1. | Tests: points | | min. -max.<br>Continuous assessment points * 18 - 30<br><br>A continuous knowledge test (colloquium) consists of 1 written test |
| | 19.2. | Seminar work/project, written and oral presentation: points | | |

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| | 19.3. | Final exam: points | | min.-max.<br>Oral part points 42 – 70 |
| 20 | Evaluation criteria (points/grade) | | up to 59 points | 5 (five) F |
| | | | from 60 to 68 points | 6 (six) E |
| | | | from 69 to 76 points | 7 (seven) D |
| | | | from 77 to 84 points | 8 (eight) C |
| | | | from 85 to 92 points | 9 (nine) B |
| | | | from 93 to 100 points | 10 (ten) A |
| 21. | Method of monitoring the quality of teaching | | Self-evaluation by students, assistant control during the practical teaching and assessment of the achieved student success, as well as the pass rate of students who have passed the subject | |

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| 22. | Literature | | | | | |
| | 22.1. | Required literature | | | | |
| | | Ord. number | Author | Title | Publisher | Year |
| | | 1. | Danilovski D., Orovchanec N., Vasilevska K., Taushanova B., Velikj Stefanovska V., Isjanovska R., Zafirova Ivanovska B., Zdravkovska M., Pavlovska I. | General Epidemiology | University "Ss. Cyril and Methodius", Faculty of Medicine | 2007 |
| | | 2. | Danilovski D., Orovchanec N., Vasilevska K., Taushanova B., Velikj Stefanovska V., Isjanovska R., Zafirova Ivanovska B., Zdravkovska M., Pavlovska I. | Special Epidemiology | University "Ss. Cyril and Methodius", Faculty of Medicine | 2009 |
| | 22.2. | Additional literature | | | | |
| | | Ord. number | Author | Title | Publisher | Year |
| | | 1. | James F. Jaeckel, David L. Katz, Joan J. Elmore, Dorothea M. J. Wilde | Epidemiology, biostatistics, and preventive medicine | Tabernakul | 2010 |